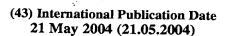
Rec'd PCT/PTO 06 MAY 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





PCT

534123

(10) International Publication Number WO 2004/041365 A1

(51) International Patent Classification⁷: 39/00

A62C 31/28,

(21) International Application Number: PCT/AU2003/001477

(22) International Filing Date:

7 November 2003 (07.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2002952523

7 November 2002 (07.11.2002)

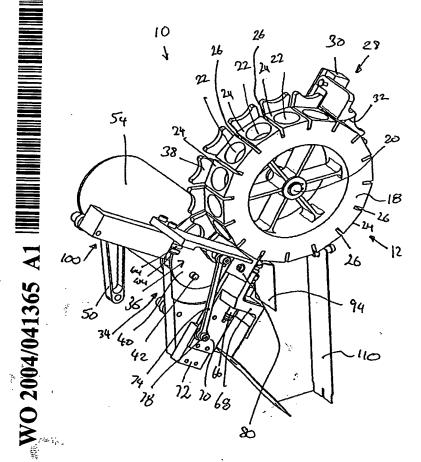
(71) Applicant (for all designated States except US): RAIN-DANCE SYSTEMS PTY LTD [AU/AU]; 1D Eagle Drive, Jandakot Airport, Jandakot, Western Australia 6164 (AU).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): STEVENSON, Robert [AU/AU]; 1 Halifax Road, Maylands, Western Australia 6051 (AU). HANBURY, Peter [AU/AU]; 45 Sixth Road, Armadale, Western Australia 6112 (AU).
- (74) Agent: MIZZI, Anthony, Paul; Griffith Hack, Level 6, 256 Adelaide Terrace, Perth, Western Australia 6000 (AU).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: AN APPARATUS FOR INITIATING AND DISPENSING AN INCENDIARY



(57) Abstract: An apparatus (10) for initiating and dispensing an incendiary comprises a feed mechanism (12) for advancing a line of series connected incendiaries to a dispensing location D; an injection device (14); and a cutter (16). The injection device (14) injects a substance such as glycol into the incendiary as it is moved toward, but prior to reaching, the dispensing location D. The glycol reacts exothermically with another substance such as potassium permanganate in the incendiary. The cutter (16) cuts the incendiary into which the glycol has been injected from the line of series connected incendiary. After the incendiary has been injected with the glycol and cut by the cutter (16) from the line, the feed mechanism (12) advances the incendiary to the dispensing location D where it is dispensed by the action of gravity from the apparatus (10).